

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2001033294
PUBLICATION DATE : 09-02-01

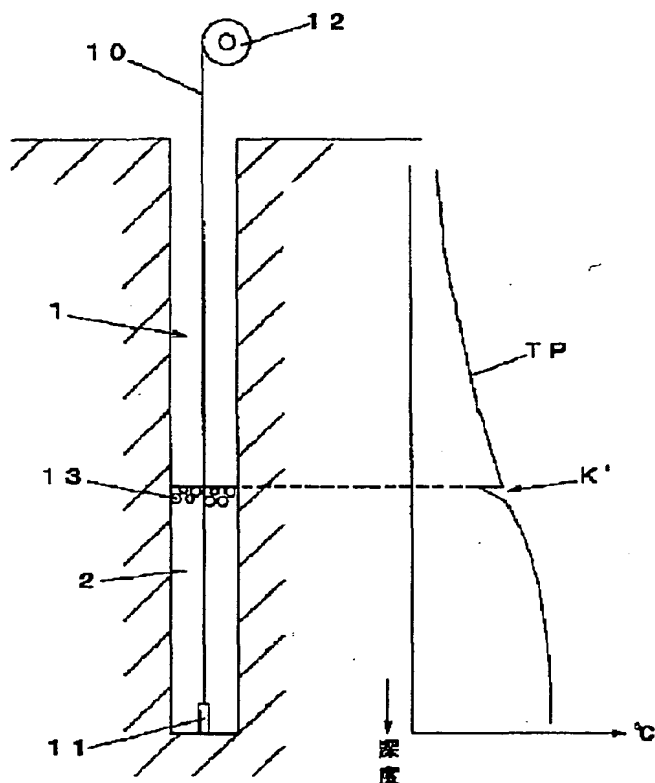
APPLICATION DATE : 19-07-99
APPLICATION NUMBER : 11204334

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INT.CL. : G01F 23/22 E21B 47/04 G01K 11/12

TITLE : LOGGING METHOD OF WELL



ABSTRACT : PROBLEM TO BE SOLVED: To provide a logging method for a well capable of finding easily the level of a geothermal water stored in the well by using an optical fiber.

SOLUTION: Geothermal water (hot water) 2 is stored in the depths of a well 1. A cable 4 is rewound and an optical fiber 10 which is a temperature measuring element is inserted into the well 1. Thereafter, ice 13 is thrown into the well 1 as a coolant. The ice 13 floats near the water surface of the stored geothermal water 2 and lowers the water temperature near the water surface locally. Then, a temperature profile TP in the depth direction of the well 1 is found by the optical fiber 10. The place K' of the locally lowered temperature is the level of the stored geothermal water 2.

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